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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

ISHIGURO, TAKAHIKO, et al.

Appln. No.: 09/345,761

Filed: July 01, 1999

For: METHOD OF ASSAY OF TARGET NUCLEIC ACID



Group Art Unit: 1643

Examiner: NOT YET ASSIGNED

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination, please amend the above-identified application as follows:

IN THE CLAIMS:

24. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

a first reagent containing the first single-stranded oligonucleic acid,

a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,

a third reagent containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA and the third single-stranded oligo DNA,

a forth request containing one or two enzymes which have an RNA-dependent DNA polymerase[, activity and a DNA-dependent DNA polymerase activity, a DNA-dependent RNA polymerase and an RNase inhibitor and a fifth reagent containing the fourth single-stranded oligo DNA.

PRELIMINARY AMENDMENT
U.S. Appln. No. 09/345,761

25. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

a first reagent containing the first-single-stranded oligonucleic acid,

a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,

a third reagent containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA, the third single-stranded oligo DNA and the fourth single-stranded oligo DNA and

a fourth reagent containing one or two enzymes which have an RNA-dependent DNA polymerase[.] activity and a DNA-dependent DNA polymerase activity, a DNA-dependent DNA-dependent RNA polymerase and an RNase inhibitor.

26. A reagent set for performing the method according to Claim 1 or 21, which comprises at least

a first reagent containing the first single-stranded oligonucleic acid.

a second reagent containing tris-acetate, magnesium acetate, potassium acetate, sorbitol and dimethyl sulfoxide,

a third reagent containing dithiothreitol, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, bovine serum albumin, the second single-stranded oligo DNA and the third single-stranded oligo DNA,

a fourth reagent containing the fourth single-stranded oligo DNA, one or two enzymes which have an RNA-dependent DNA polymerase[.] activity and a DNA-dependent DNA polymerase activity, a DNA-dependent RNA polymerase and an RNase inhibitor.

27. A reagent for performing the method according to Claim 1 or 21, which comprises at least the first single-stranded oligonucleic acid, the second single-stranded oligo DNA, the third single-stranded oligo DNA, the fourth single-stranded oligo DNA, one or two enzymes which have an RNA-dependent DNA polymerase[.] activity and a DNA-dependent

PRELIMINARY AMENDMENT
U.S. Appln. No. 09/345,761

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polymerase activity, a DNA-dependent RNA polymerase, deoxyribonucleoside triphosphates, ribonucleoside triphosphates, tris-acetate, magnesium acetate, potassium acetate, sorbitol, dimethyl sulfoxide, dithiothreitol, bovine serum albumin and an RNase inhibitor.

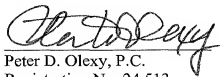
Cancel claim 28.

REMARKS

The improper multiple dependency of claim 28 is corrected by amending claims 24-27 and cancelling claim 28.

Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,


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